

Anti-PRKDC antibody (3987-4086) (STJ110027)

STJ110027

GENERAL INFORMATION

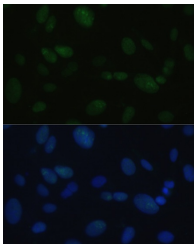
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

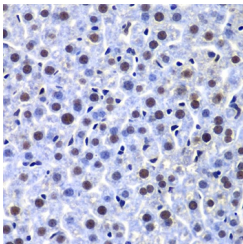
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

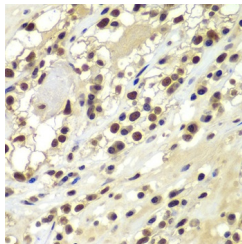
Gene ID	5591
Gene Symbol	PRKDC
Uniprot ID	PRKDC_HUMAN
Immunogen	
Immunogen Region	3987-4086
Specificity	A synthetic peptide corresponding to a sequence within amino acids 3987-4086 of human DNA-PKcs (NP_008835.5).
Immunogen Sequence	ALRAFRSDPGLLTNTMDVVF KEPSFDWKNFEQKMLKKGGG WIQEIINVAEKNWYPRQKICY AKRKLAGANPAVITCDELLL GHEKAPAFRDYVAVARGSKD



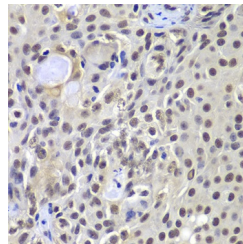
Immunofluorescence analysis of U-2OS cells using DNA-PKcs antibody (STJ110027) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse liver using DNA-PKcs antibody (STJ110027) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human kidney cancer using DNA-PKcs antibody (STJ110027) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human well-differentiated squamous skin carcinoma using DNA-PKcs antibody (STJ110027) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081